



VOL. VI NO. 2

WASHINGTON, D.C.

DECEMBER 1946

# I. R. E. CHAPTER ORGANIZING

Intense interest in communications and radio theory on the campus this term has led to the planning of a student chapter of the Institute of Radio Engineers here.

The IRE will welcome all those interested, at the Charter meeting which will be announced on the Engineering school bulletin board just before or just after the holidays.

Some of those directly responsible for the organization of this chapter are Robert Doud, Harold Thunassower, Lawrence E. Brown, John Slothrop, L.R. Brown and a group of several others who have joined the National organization, and who are planning many activities for the group.

This will give the Hams and prospectives a chance to gather for bullsessions about the way they got Australia with a pair of 6L6's dunked in a pan of water, and alleviate some of the homesickness for the five meter band.

Tentative activities for this new professional society will include field trips to local electronic laboratories, papers presented by both students and nationally known Radio Engineers, scientific films, and a variety of social events.

## CALENDAR

December

4	Society meetings
11	Theta Tau Sigma Tau
17	Engineer's Council
28	Christmas recess

Dean Feikert.

ATTEND YOUR  
SOCIETY MEETING  
DEC. 4

## THE DEAN'S COLUMN IN MEMORIAM

Frank Artemus Hitchcock, Professor of Civil Engineering, for 26 years a member of the faculty of the School of Engineering of George Washington University, died November 12, 1946.

His passing marks the end of a devoted service to the teaching of young men. Graduates over the years will miss his friendly encouragement and shrewd advice which he gave freely.

During the war years he administered with great success the special war training courses which were taught to more than 12,000 men and women. These thousands were added to the hundreds of graduates and students with whom he came in more personal touch during his years of service.

Looking back over the years it is almost universal that graduates remember teachers more than books. How the man taught, as well as what he taught, the color and imagination with which he presented his subject made a tough course easier and a heavy one vital.

I remember Scientific German, (we called it sky-dutch) in terms of the personality of a great teacher, "Jinny" Hayes, and Calculus was understandable because of the simple parables of "Johnny Sine-Square", otherwise Professor Sinclair of my own alma mater. So George Washington Engineering graduates will remember "Hitch" in the likeness of his more formal title, Professor Hitchcock. They will remember "Higher Structures" in terms of this modest, unassuming but able teacher who now has joined the silent ranks of the teachers' emeritus who have passed on.

Dean Feikert.

## AMES GOES INTO POLITICS HITS JACKPOT



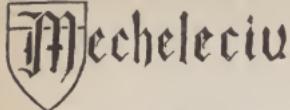
Norman Bruce Ames, M.S., E.E., LL.B.,  
Professor of Electrical Engineering

Professor Norman B. Ames, Head of the Department of Electrical Engineering, was elected to the Montgomery (Md.) County Charter Board in the recent general election. In the subsequent meeting of the Board, his fellow members made him chairman.

The purpose of the charter board is to draw up a new constitution for Montgomery County. Professor Ames, along with his colleagues, believes that the new charter is necessary to secure a more democratic form of government than it now has. (Democratic with a small "d", Professor Ames is a Republican).

Present strategy calls for an organization based on the county-council, county-manager type of government. The emphasis is again on home rule, as it was in 1944, when a similar charter was defeated in ratification.

By way of preparation for a political career, Professor Ames holds an LLB Degree from George Washington U., and those years in the army were also useful, in their own way.



The MECHELECIU is published monthly by the undergraduates of the School of Engineering of the George Washington University.

Mail may be addressed to the MECHELECIU, c/o Office of the Dean, School of Engineering.

Circle - 1750

Editor-in-Chief.....Marjorie Rhodes  
News Editor.....Bernadine Dunfee  
Circ. Manager.....John Slothower  
Business Manager.....Jim Le Croy

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"It aint the individual,  
Nor the army as a whole,  
But the everlasting teamwork  
Of every bloomin' soul."

And so we introduce to the Engineering school and pay tribute to the Mechelciu staff whose names did not appear in the November edition. For a large percentage of these students, this year is the beginning of their school life at this university. Judging from their attendance at the staff meetings, their diligence in submitting articles, zeal in introducing new ideas, and the long hours spent in producing the Mechelciu, it would be wise to mark them as dependable and active student engineers whose contribution to the Engineering school will be vital and enduring.

Read and Remember:

Larry Brown - EE  
Leonard Bosin - EE  
George Clark - EE  
Frank Cullen - EE  
Kenneth Folse - EE  
Deryl Haddow - CE  
Lincoln Roberto - EE  
John Le Rechte - EE  
Gerald Warner - EE  
Norman Ziegler - ME

—Bernadine Dunfee

*THE STAFF  
WISHES EVERYONE  
A MERRY  
CHRISTMAS AND  
A HAPPY YEAR*

## EDITORIAL

During the past years engineering students have been principally noted on campus for their remarkable lethargy. Endeavors urging could not convince school of engineering students that they should be as active as students of any other division.

That an all-engineering ticket has been nominated for the officers of the freshman class is a step forward in this school-wide participation.

The valuable experience and contacts to be gained from student activities contributes greatly to development of a well-rounded personality. Also, engineers certainly have something to give their school besides long faces and sad stories about the heavy load they carry.

The nomination of these freshmen is evident of an awakening of interest in the "silent school". It is commendable, and, we trust, to be continued.

## THANKSGIVING POEM

We've had our big Thanksgiving  
With much to give our thanks for--  
Peace, and many another thing  
And much to look ahead for.

Now it's nearing Christmastime  
And New Year's Day close after;  
Season of thoughts and Truths sublime;  
Time for joy and laughter.

Be joyous, yes, but 'midst the fun,  
Think of the many things to do,  
And all the great things done--  
Isn't there some voice that's calling  
out to you?

Choose your path and follow it,  
And should trouble block your way,  
Just take your pride and swallow it,  
And fight--that fight may stay.

Let your starting point be here--  
This Christmas of forty-six,  
And know ye that there's nothing  
That a New Year cannot fix.

—George O. Clark

The engineer, in New York for a good time, had been stopping at a fashionable hotel, and was paying his bill. He looked up at the woman clerk and asked what it was she had around her neck.

"That's a necklace, of course. Why do you ask?"

"Well, everything else is so high around here I just thought it might be your garter."

## KEEPING ALLIANCE WITH SCIENCE

By Leonard Bosin

The book review promised for this column has been transferred to the new feature column, "The Engineers' Library."

Many people are not aware of the fact that Dean Frederick M. Peiker, in addition to his other positions, is Chairman of the Engineering and Industrial Research Division of the National Research Council. This Council, after being organized by the National Academy of Sciences at President Wilson's request in the first World War, had performed so meritoriously, that the President requested, by Executive Order, that the Academy, in view of the "new and important possibilities" in science and research in the time of peace as well as war, perpetuate the National Research Council. And so, today, the Council, headed by Dr. Detlev Bronk, still remains the permanent operating agency of the Academy, and handles the bulk of its research work. However, neither the Research Council nor the Academy are government agencies, although their charter has been approved by Congress.

Dean Peiker, serving the second year of his three year term as Chairman of one of the eight divisions of the Council, is confronted with the task of approving the financial budgets and appropriations allocated to the committees under his division for the necessary continuance of research work. In addition, he must select or approve the personnel of the various committees with responsibilities ranging from a few large peacetime projects involving billions of dollars, (Committee on Prosthetic Devices, Committee on Senory Service, and Committee on Quartermaster Problems), to the small advisory committees and the Subcommittees on Symbols for Heat and Thermodynamics.

Deserving of special mention is the Committee on Quartermaster Problems, which coordinates research on numerous and complex problems of the Quartermaster Corps. Some of these are problems related to improvements in textiles, food containers, Army clothing, housing and other Quartermaster equipment. Each project is financed separately.

Appropriations of huge sums to the Committee on Prosthetic Devices, for research on artificial limbs, are made by the coordinating agency of the Veterans' Administration, Army and Navy. The functional procedure for such running appropriations is conducted through the Academy Legal and Financial Contracting Board.

Also set up in Dean Peiker's Division are committees on Physics, Chemistry, Electrical Insulation, Fatigue in Industry, Heat Transmission, Metals and Minerals, and several others. His Chairmanship makes him an ex officio member of all these committees.

# HYPOLLELIN'S

By Kenneth Folse



Candid photo of Dr. Johnson, taken at 1/15 second at f/3.5 in existing light with hand held camera. It shows no camera motion.

Photo by Folse.

Once upon a time a sage muttered; "There are three types of amateur pictures: Ones in which the camera moved, ones in which the subject moved, and ones in which both moved the same amount in the same direction, thus producing an agreeable result."

Thereupon the multitude of photographic writers took up the cry: "Shoot at a fifth of with hand held cameras, or yours is a fate worse than death." Some urged a hundredth of a second.

But the scribes must have forgotten a thing or two. A hand held camera can be stashed several ways, simplest of which is the use of a neck strap on reflex types.

Contax user Henry C. Russell, A.A.P.S. ("Minature Photography After Dark") uses a taut strap for his theatrical photographs, many of which are shot as slow as one fifth of a second and all his pictures are enlarged.

Holding the camera in both hands and pressing it against your face (eye level finder) with elbows on table, chair arms, or railing, forms a crude tripod. Pressing the camera to the stomach and holding the breath is an old stunt, and with the photographer leaning against the wall at the same time, exposures of as long as a second have been made with no camera motion.

Don't throw your tripod out the window though--

## FIELD TRIP

Twenty five members of the Materials of Construction classes visited the Security, Weyland plant of the North American Portland Cement Corporation on Saturday, November 9, 1946. Following the three-hour tour of the plant, which carries on the complete process of cement manufacture from quarrying to packing for shipment, the members of the group were guests of the company at a steak dinner in Hagerstown. The party was divided into smaller sections for the actual tour which observed every phase of the rather complex process.

The plant has been in operation for thirty years. An hourly check is made on materials after they have started through the drying tubes until the ground clinker is stored in large elevators to await packing in bags for shipment.

The company maintains modern testing laboratories for control during manufacture.

Waste heat from the rotary kilns is utilized in a modern three thousand kilowatt steam turbines electric plant which furnishes power for the plant.

The University has a standing invitation from North American for all students, in groups or individually, to visit the plant at any time.

## 200 MEN and A GIRL

Marjorie Rhoades was honorary speaker at the Washington Society of Cinematograph's annual meeting, November 21 at the Mayflower Hotel Ballroom. She gave a short, but interesting speech to notable engineers from the city who impressed Marjorie with their courtesy by rising as she was introduced. Dean Feiker and Commissioner Young were two of the men present.

Marjorie "had a marvellous time", and received a large bouquet of chrysanthemums.

Use your tripod, of course, when you can, but when you don't have it with you or have time to set it up, don't throw away the shot. Don't sacrifice depth of focus or exposure because of the camera booby aither. Brace yourself and shoot.

DEVELOPER DOIN'S...It's not in the book, but if you put Ansco color film under water during the second exposure you'll avoid reticulation. Keep a draftsman's sand-paper board in your gadget-bag to clean battery and flash-bulb contacts...When copying, take meter reading on white surface, use 1 recommended film speed. It gives more consistent density...Now is the time to get those Christmas Cards into the Pop Photography contest, before you forget them in the holiday rush...Next month: Folse tries Printon.

## Short Circuits



Take off those diapers, EE! Your chosen profession is in its babyhood. You are contemporaries to a pioneer in the Electrical Engineering field. Dr. H.B. Brooks displays his "Edison Pioneers" badge as a token of the vast development in the field in his lifetime.

"I have been a student always", stated Dr. Brooks at the last AIEE meeting, "and I have gained great confidence in the student of today by reviewing the insurmountable difficulties overcome by students of the past." He went on to tell of interesting problems overcome in the development of power distribution in the U.S. from those of the first plant in New York City in 1882 to those of the modern plants of today.

### PRIZE OFFERED —

Mr. Donald Vaughn, chairman of the student activities of the Washington branch, was also present at the session. He urged greater cooperation between the student and local branches. In connection with this program, a Student night is planned for April, at which a prize will be given for the best student paper.

### REFRESHMENTS —

Lincoln E. Roberts and John Le Reche were appointed to the refreshment committee. They are anticipating a busy season, for several parties are in the planning for the near future.

Just as proof that the EE is in love with his profession, we should mention that although many were present to hear Dr. Brooks, when refreshment time came around, the larder was too much for even the ample appetites of the few remaining engineers. A slight diversion may have been partly responsible, however, for the charming treasurer started refunding cold cash to many who had overpaid their dues.

DELICIOUS  
STEAKS CHOPS  
SANDWICHES

BROWNIES  
GRILL

2134 PENNA. AVE., N.W.



# ME and You



The first meeting of the A.S.M.E. for this year was held Wednesday night, November 6, with almost 80 students attending for a record show-out. The meeting was opened with the usual business session and the selection of standing committees to serve for the remainder of the year. This was followed by the presentation of the two entertaining sound motion pictures, displaying the structure of diesel engines. Refreshment added the finishing touches to the program. If the interest displayed in this program can be accepted as a gauge for future meetings, it implies that the "good old times" are lurking on the horizon for the society.

The next meeting of the A.S.M.E. promises to be an unusual one, as a result of very effective planning. If you want to hear four of our students, Stanley Lange, Daniel McBride, Herbert Murray, and Elmer Sunday, go to town in elucidating on their pet engineering subjects, you will not stay home that evening. Add to this a vivid motion portrayal of the 1945 world series, obtained through popular request, and your program is complete, not to mention the usual refreshments!

On the 21st of November, a trip to the Christian Heurich Brewery was enjoyed by the members and their guests. Yes, there was beer.

A party is set for December 7, at 8 P.M., the main attraction is unlimited food and beer. \$1.00 per person, stag only. Make reservations early, for they are limited!

Once again, the A.S.M.E. would like to reiterate its policy that there has always been and still is an open invitation extended to all M.E.'s to take a more active participation in the affairs of the society. For a society that is representative of all M.E. Majors in the Engineering School, it is suggested that the quota of achievements can be placed at a very high standard considering the tremendous enrollment of M.E.'s in our school. Or, more plainly put, now is the time for all Mechanical Engineers to come to the aid of their society. Here's looking for you all in the next meeting's attendances.

Ronald E. Streets.

**PENN-VUE DELICATESSEN**

1928 PENNA. AVE., N.W.

FINE FOODS & DELICACIES

## MEET YOUR PROFESSOR

By John LeReche



From short hand to electrical engineering seems to be a rather broad field for one man to cover but Dr. F. K. Harris, professor of electrical measurements, has that achievement to his credit.

Born in the Hoosier State, Dr. Harris attended the local high school and a teacher's college for two years where, in his last year, he taught short hand to adult classes. Pursuing his interests in electricity, he attended the University of Oklahoma for three years as an engineering student, but graduated as a physics major. This disqualifies his admittance to Sigma Tau at that time. However, he is a member of Phi Beta Kappa, the honorary scholastic fraternity. While studying for his master's degree in physics at the University of Oklahoma he was an instructor in physics. In 1925, after completing his master's, he came to Washington to the Bureau of Standards. By using his annual leave, Professor Harris was able to complete his doctor's degree at John Hopkins University in 1935.

He joined the part time teaching staff of George Washington University in 1934, where he has been teaching electrical measurements in evening classes. In 1943, he was made a member of Sigma Tau. Dr. Harris' full time occupation with the Bureau of Standards entails the supervision of the electrical instruments section and research in high voltage transformers. In addition, he has worked for oscilloscope companies, and was the inventor of the collector anodes near the screen of oscilloscope tubes.

He is now writing a text book for his class of electrical measurements, to be published by John Wiley and Sons.

He has one son, who served in the Navy during the war. Dr. Harris' hobbies include playing the piano and reading. You will find him well acquainted with music and literature, including Shakespeare.

## STRUCTURES OF SCIENCE

By Leonard Boein

This column, being initiated as a new feature in this issue, will embark on a program of discussing various well-known scientific structures in the Washington area. The inaugural story is that of the National Academy of Sciences

Doubtlessly, hundreds of students new to the school and this city have never visited the National Academy of Sciences Building, and yet it is almost "around the corner" at 21st and Constitution Avenue. This home of the Academy stands as a magnificent edifice reminding us of the achievements of the historic institution. Built and maintained by a generous endowment from the Carnegie Corporation, the building is classical "Alexandrian", composed of Dover marbles. Especially noticeable and puzzling to the visitor is the Greek inscription on the frieze quoted from Aristotle. It is translated thusly:

"The search for Truth is in one way hard and in another easy. For it is evident that on one can master it fully nor miss it wholly. But each adds a little to our knowledge or nature, and from all the facts assembled there arises a certain grandeur."

The National Academy of Sciences, incorporated by Congress and approved by President Lincoln in 1863 to aid the government with technical and scientific advice in connection with the Civil War, has a charter which provides that it "shall, whenever called upon by any department of the government, investigate, examine, experiment, and report upon any subject of science or art, the actual expense of such investigations, examinations, experiments, and reports to be paid from appropriations which may be made for the purpose, but the Academy shall receive no compensation whatever for any services to the Government of the United States." At the request of President Wilson, in 1918, the Academy organized the National Research Council, which has continued to perform the major portion of the research work for the Academy.

The work of the Academy in technical scientific fields has been greatly varied, and extremely valuable at times when this country was at war. It also issues several publications. At the present time, Dr. Frank B. Jewett, prominent in scientific research during the war and retired president of the Bell Telephone Laboratories, is president of the Academy. Unfortunately, the city of Washington has been temporarily deprived of one of the nation's best science displays since the National Academy of Sciences has had to remove its collection of interesting exhibits from its building at the outbreak of the last war, in order to provide additional office space.

# THETA TAU

On December 30, 1946 representatives of the twenty-four chapters of Theta Tau will gather in Louisville, Ky. at the headquarters of Delta Beta chapter for the first bi-annual convention since 1941. The man chosen to represent the local chapter, Gamma Beta, is Felix Geiseler and the alternate is Alfred Barauck. They will assist in the initiation of pledges of Delta Beta.

At the last convention, Brother George Kelly and Brother Sam Myers (deceased) represented Gamma Beta and from all reports, the newly selected delegates are in for three days of hard but enjoyable work. Professor Ames, a charter member of Gamma Beta and past member of the Executive Council will also be present at the convention. In the past, Professor Ames has been of great assistance to Theta Tau as a whole and to Gamma Beta in particular, and his shoulder will keep the wheel at Louisville rolling.

Once again the National Capital Alumni Association is sponsoring its annual shindig for the actives and their guests. This time it will be at Twin Oaks, Va. and the date has been set for December 18.

Gamma Beta joined the University in expression of its sorrow at the passing of Professor Frank A. Hitchcock. Brother Hitchcock was a charter member of the chapter, which received its charter in 1935. Six past reprents and Regent Carlagon were present at the funeral services.

As noted elsewhere in the Meclecv, Brother Fred Holcomb has quit Washington's tropical climate for the breezes of Hudson Bay. He and his wife expect to be back in 8 to 12 months.

Our congratulations and the traditional diaper bag go to Brother Don Blanchard and Mrs. for their efforts in bringing forth a future Theta Tau auxiliary.

Brother Karl Pritchett is trying to collect enough squirrel skins to make a coat for his wife. He spends every spare moment in the woods with his trusty rifle.

Al Barauck

M.E. "Is that girls dress torn or am I seeing things?"  
E.E. "Both!"

Engineers are often baffled by the fact that some girls with streamlined figures offer the most resistance.

COKES

COFFEE

IDEAL  
SANDWICH SHOP  
Next to Circle Theatre  
210½ PENNA. AVE., N.W.  
DELICIOUS MILKSHAKES

## MECHANICAL DRAWING



# ENGINEERS ARE PEOPLE

By John LeRache



- Buckingham Studio

The next time you put in that local phone call to make arrangements for your Saturday night date, here is something to think about: did you know that over one thousand 48 volt D.C. relays are operated as you index the phone dial?

Let us introduce Robert Kraut, whose job it is to test this important equipment. During the day, but by night he is a student in electrical engineering, and a leader in extra-curricular activities.

Bob was born in Lancaster, Pennsylvania, he moved to Washington, D.C. at an early age. It was here that he became interested in model airplanes, the spark which kindled the fire to bright prospects as an engineer. Bob was graduated in 1935 from Central High School, after a brilliant high school career which, among other things, included active participation on the swimming squad.

After two years as a draftsman, he was sent to a "company operated" telephone school, where he received nine months of strenuous training covering telephone circuits and their operation, which was followed by eighteen months of participation as an instructor in the same school. His continuous handling of electrical apparatus immediately erased all ideas of becoming a Mechanical Engineer and replaced them by the idea of becoming an Electrical Engineer.

Bob has been able to hold down a full time job while attending night classes. After he completes the remaining 38 credit hours to obtain his degree, he plans to acquire a job in engineering and designing for the telephone company where he now works.

Cheerful Bob Kraut, whose personality smile has won him many friends, resides at Silver Spring, Maryland, where he is the owner of a fine residence. Bob is married and the father of a 4 year old son and a 9 month old daughter. He plays tennis, and bowls occasionally. The center of his extra-curricular activities is Sigma Tau, the honorary engineering fraternity, of which he is Chairman, and the sci- (Continued on page 8)

## ENGINEER'S LIBRARY

Your bookshelf will be greatly augmented by the addition of the sensational masterpiece published on November 1, "Scientists Against Time." Dedicating his stirring story "to the Scientists of the United Nations who gave their lives in the cause of freedom," James Flinney Baxter, III, has vividly revealed the story of the group of scientists who through their great ingenuity and resourcefulness helped us to win the greatest war of all time. This is the courageous story of the OSRD (Office of Scientific Research and Development). You will read of the development of the greatest offensive and defensive weapons yet contrived in the minds of men; of radar, rockets, incendiaries, flame-throwers, proximity fuses, the atom bomb, and a hundred other devices used on land, sea, and in the sky.

This Atlantic Monthly Press Book, with an introduction by Dr. Vannevar Bush, internationally famous chairman of the OSRD, is written in a forceful style, but understandable and enjoyable to the layman and student. And at the same time, it is crammed so full of official facts and interesting information that it would be well worth the time of any technician to read it. "Scientists Against Time" will doubtlessly be rated as one of the foremost books in scientific literature for its fullness of content and richness of manner. It was published by Little and Brown Company, of Boston, Massachusetts.

Predecessors of the OSRD were the NACA (National Advisory Committee for Aeronautics), created in 1915 by Congress "to supervise and direct the scientific study of the problems of flight," and the NDRC (National Defense Research Commission), set up in 1946, "to co-ordinate, supervise, and conduct scientific research on the problems underlying the development, production and use of mechanisms and devices of warfare, except scientific research on the problems of flight." Along with Dr. Bush, some of the most prominent scientists of the nation were selected to serve on the agency that was destined to make such rapid history in the scientific annals of the world. The tireless experiments, hopes, stirrings, and ultimate victory of the OSRD, in matching their energy, intelligence, and ability against the opposing scientists of the aggressor nations in a race against time, is an outstanding tribute to American scientists and "Yankee Ingenuity."

It can also be pointed out with great pride, that our school was right up in the front when it came to cooperating with the OSRD and offering all available help to that agency. Yes, the George Washington University was playing the role of eighth largest non-industrial contractor to the OSRD, at the tune of a cool six and one-half million dollars! The Chemical Division of the OSRD had a "sizeable central establishment...developed...at the George Wash-

PERSONALITIES  
AND EVENTS

by Larry Brown

Fred Holcomb, former Mecheleciv editor, and his wife Harmon are "pioneering" in the wilds of Gendale for the War Department. Fred is the Electrical Engineer and Harmon the Photographer. They hope to be back on the campus by next spring.

Frank Williams, sophomore, stands out among the engineers because he is proud of his profession. He spends his leisure time heralding the Engineering School to all comers. The school is proud of a man who is proud of his profession.

Now the reason is known for William Freeman leaving his books home the week of November 4th. He was married on Saturday, November 9th. He is responsible for the singing in building D, on Mondays, Wednesdays, and Fridays. "He's singing because he's happy," and despite adverse publicity about married life, he says, "It's wonderful!"

Roland Givens is well-known around the Engineers' Lounge, because of interesting tales and a social attitude. Roland's parents made their home in France before the war, but spent much of their time in Austria. His mother is a native Austrian and his father is a Washingtonian. He served in the U.S. Army Air Forces and the 3rd. Radio Squadron. He has had two years in the Foreign Service School, but is now in the Engineering School because of his interest in Electrical Engineering.

## THE ENGINEERS LIBRARY (CONT'D)

ington University." Again, in reference to the rocket program, "the development at Indian Head was supplemented by contracts with...and George Washington University." In still another quote, "to augment its facilities NDRC extended the George Washington University contract to cover the operation of a new undertaking, the Allegany Ballistics Laboratory in Cumberland, Maryland. Beginning here in February 1944, Section H developed a 4.2 inch recoilless chemical mortar and a rocket motor to project the mine-clearing "snake". It also made important progress on jet-assisted take-off for airplanes."

With over 70 illustrations and subjects ranging from submarine warfare to aviation medicine, supplementing an inspiring story well told, "Scientists Against Time" should prove excellent reading.

## "FOLSE"

## INSIDE FOLSE

Just because I look like superman is no sign that I can resist the terrific pressure being brought on me to run for president of the freshman class. Only this morning I received a very inspiring letter, which I quote below:

Dear Mr. Folse:

You are talented, handsome, intelligent and would make an ideal president.

Sincerely yours,  
Kenneth H. Folse

I can see it now: Campaign photos of me with a beautiful girl on each knee; sound trucks yelling, "Folse for president"; photos with a beautiful girl on each knee; handbills crying, "Folse, the man for the job!"; a beautiful girl on each knee; posters screaming, "We want Folse!"; a beautiful girl on each knee.

Do I have support? Just last week there was a fellow running back and forth in front of Linsen Auditorium passing out handbills and yelling, "Folse for president. We want Folse...", but the AVC stopped him. I was almost out of breath anyhow.

Unfortunately I have several barriers to overcome. One is a bloc who would do anything to keep me out of office. They even tried to bribe me. Money I shunned, but it was hard to resist that beautiful, gold-inlaid, genuine flame grain yo-yo.

And to have that human touch, I should have a beautiful, popular girl friend to write stories about me in the Hatchet. She doesn't have to be on the board of editors, but it would help. (Editor's note: And how!)

However, judging from the girls I've dated recently, I'll have a hard time finding a girl that can write. (Editor's note: Judging Folse, he will have a hard time finding a girl.)

\*\*\* \*\*\*

OUTSIDE FOLSE: Instead of the 564 stanza epic poem we had planned to run, I will substitute this space saver:

TITLE: Woman looking at Grand Canyon asking guide question:

"Cham?"

"Yas'ma?"

Guess who wrote this.

## GOOD THINGS TO EAT

## LEO'S

## DELICATESSEN

2133 G. St., N.W.

Next to Sorority Hall

# INQUIRING REPORTER

## QUESTION OF THE MONTH

DO YOU THINK THE ENGINEERING SCHOOL SHOULD PLAY A LARGER PART IN THE SOCIAL ACTIVITIES OF THE UNIVERSITY?

LOCKWOOD D. BURTON, Soph.-

Mo! If an engineering student is taking a full schedule and he studies in each of his subjects in addition to supporting a wife, he has neither time or money to spend on nonsense.

REID MAYO, Soph.-

Yes! Definitely! But, I think some provision should be made in which married students can bring their wives into the activities, also.

JOHN DALLAS, Jr.-

Mo! I think an engineer has enough to do with 18 hours in his curriculum instead of the 15 in the arts courses, and incidentally, all of our courses have more than their share of homework.

CHARLES F. LUCE, Soph.-

Yes! The students who have time for social events should take part, but some of us married students have to spend our time studying and worrying about finances.

ROBERT DOUD, Soph.-

Yes! Subjects come first, but social life is essential for a well rounded education.

MAYNARD McDANIELS, Soph.-

Yes! Social activity may be a means by which to accomplish a purpose. Ed. Note. (He didn't state the purpose but we suspect that the fairer sex is involved.)

## COUNCIL DECORATES CHRISTMAS TREE

The Engineering School custom of decorating a Christmas tree on Lister Terrace, will be carried on this year by the Engineers' Council.

The custom was originated by the late Professor F.A. Hitchcock



Professor B.D. Greenshields  
Newcomer this year.

## SIGMA TAU

Ki Chapter welcomes back four members who recently returned to O.W. Harry Balmer, Erwin Shalowitz, and Mickey Shulte are "relaxing" after a tour of duty with Uncle Sam. D. I. Gulbranson is still in the service but is back to add another degree to his name.

The subject of the "Engineering Library" is very much alive and results will be forthcoming soon. It is hoped that all the engineering societies will support this project to establish an up-to-date engineering library. Ways and means of procuring books are under consideration and the fraternity would appreciate any ideas or suggestions.

Several students have taken advantage of our tutoring offer which is still open. In case you missed it in the last issue of Mechelecv, drop a note to Sigma Tau in care of the Dean's offices and tell us your troubles (not domestic). We will contact you to arrange the time and place.

OWNED AND OPERATED BY TWO FORMER G.W.U. STUDENTS AND VETERANS

## "3 Minutes Away"

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LUNCH 11:00-2:00

## JOKES

### Safety Slogan

One arm makes dangerous driving and dear poor huggin'.

There's the story of the two privates in Africa who puzzled over a dead animal they had found by the roadside.

"It has two stripes," said one.  
"That settles it," said the other. "It's either a skunk or a corporal."

Doctor: You must avoid all forms of excitement.  
ME: Can I look at them on the street?

Prof: What's the idea of coming to class with a gun?  
CE: I only got one Christmas card, and if that's all the friends I have, I need a gun.

Interested old lady questioning a model: "Do you mean to say that you pose for a man with no clothes on?"  
Model: "Heavens, no! He wears pants and everything."

Mary had a little dress,  
Dainty, chic and airy.  
It didn't show the dirt a bit,  
But gosh, how it showed Mary.

## ARE YOU HAVING A PARTY

(MAKE IT A SUCCESS)

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DINNER 4:30-6:00

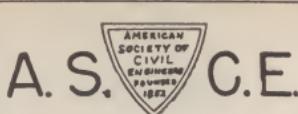
# M.E. STUDENT PAPERS

A student paper entitled "The Engineering Method--Its Value and Limitations," will win a prize of \$150 from the ASME. A \$25 prize is also offered by this society for a paper on any engineering subject.

Rules for entering the papers, which must be submitted not later than June 30, 1947, may be obtained from Ben Sorin, chairman of the George Washington Chapter.

FOR FRESHMAN CLASS OFFICES

Kenneth H. Polse, president  
Lincoln Roberts, vice-president  
Ray E. O'Bryan, treasurer  
Gene Chaney, secretary



The CE's, under the leadership of President Kriesberg, announce that another of those famous CE parties is in the planning stage. At the first meeting of the Society the party was definitely placed on the agenda with the appointment of a committee of several members who had homes, the idea being that homes are hard to get these days.

Prof. Walther spoke to the group on the subject, "What Use is an Engineering Society?". Outlining the history of the Civil Engineering Society from its beginning in England around 1852 to the present date, he forecast that the Society would, in the future, play an increasing role in the protection of the engineer in the knock-down drag-out fight between management and labor.

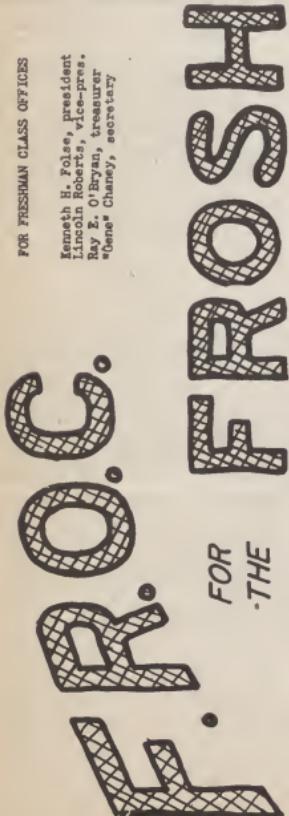
The Society again wishes to extend to all engineering students its welcome mat; come to the next meeting, Dec. 4, and get acquainted. The Society plans to have two flickers, one on the Pennsylvania Turnpike and the other on the recent World Series.

ENGINEERS ARE PEOPLE. (Continued) *resining council.*

Bob's future undoubtedly is linked with the telephone company, for he predicts great improvements in control circuits in communication, and the addition of inter-city dialing. Bob explains the technical background behind what happens when you dial a number as "Electric pulses are sent out, the number of which corresponds to the number dialed. These pulses go to their respective exchanges, which in turn returns similar pulses to your telephone. All of this is activated by only two contacts in your telephone, thus insuring the conveyance of your call against trouble.

A man destined to meet success in engineering is Bob Kautz.

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